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FAHEEM AMJAD

Date of Birth: 27th JULY, 1989

Qualification

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| ⇒ 2016 – 2018 | MS Physics: COMSATS Institute of Information Technology Lahore Campus, Pakistan |
| ⇒ 2010 – 2014 | BS Physics: COMSATS Institute of Information Technology Lahore Campus, Pakistan. |
| ⇒ 2005 – 2007 | F.Sc (Pre Eng.): Govt Higher Secondary School Renala Khurd. (Physics, Chemistry, Math,) |
| ⇒ 2004– 2005 | Matriculation: Govt Higher Secondary School Renala Khurd. (Physics, Chemistry, Math, Biology) |

Research Interests

I am working on a renewable energy conversion device (Fuel Cell) in CIIT Lahore since July 2012 to till now. The demand for clean, secure, and sustainable energy sources has stimulated great interest in fuel cells devices that convert a chemical fuel directly to electricity. Among all types of fuel cell, solid oxide fuel cells (SOFCs) represent the cleanest, most efficient, and versatile energy conversion system, offering the prospect of efficient and cost effective utilization of hydrocarbon fuels, coal gas, biomass, and other renewable fuels.

Major Courses Studies in BS (Physics)

- Introduction to Nano science & Nanotechnology
- Material Science
- Solid State Physics
- Computational Physics
- Quantum Mechanics
- Electronics

Conference Participation

- Participated in the International conference on Nano SET 2017 held in OCT 2017 at CIIT Lahore, Pakistan.
- Participated in the International conference on Nano SET 2014 held at CIIT Lahore, Pakistan.
- 2nd National Physics Colloquium, April 2013, Lahore Pakistan.
- Joint International workshop on Nanotechnology: Policy Ethics and Science, March 2013, Islamabad Pakistan.
- Synthesis & Characterization of Nano-structured Materials with novel Morphologies held in February 2013 at NIBGI Faisalabad.
- Participated in the 3rd International Symposium on Biomedical Materials, Recent Advances and Challenges held in Dec, 2012 at CIIT, Lahore Pakistan.
- Participated in the Symposium on Hydrogen and Fuel Cells (SHFC) July 2012, Department of Chemistry Quaid-e-Azam University Islamabad, Pakistan.
- Participated in the International conference on Nanomaterials & Nano ethics held in Dec 2011 at CIIT Lahore, Pakistan.

Honors and Achievements

- Member of blood donor society.
- 1st division throughout academic session.

Computer Skills

- MS-Office (Word, Excel, Power Point)
- Internet Browsing and Searching
- C,C++, Mathematica

Co circular activities

- Got certificate from Alkhidmet Welfares Society to participate in Free Medical Camps.
- Participated in drama competition held in Alhamra Hall, Lahore.

International Teaching Experience



Tarbeyat Al- Ajial International School Hafar Al Batin.

- Teaching as Science/ Math Teacher from Dec 26, 2019 to date.

Teaching Experiences

- Visiting lecturer at University of Okara from Oct 4, 2017 to till date.
- Teaching as Physics/Math Teacher in Fauji Foundation School from April 3, 2017 to date.
- Teaching as Senior Physics Teacher and Assistant House Master in Aligarh Public School and college from Aug 28, 2014 to April 3, 2017.
- Teaching experience 1.5 years in Hassan Scholar public school & college Narowal.
- Teaching experience as Science Teacher in Educator public school.
- Visiting lecturer at IPS Academy in Okara.

Industrial Experiences

US Denim Mills Pvt Ltd.(Mohlanwal,Lahore)



Worked as Plant Incharge in Project Management department from May 1, 2012, to Sep 13, 2013.

Century paper and Board Mills Pvt Ltd. (Phool Nagar, Lahore)



CENTURY PAPER & BOARD MILLS LIMITED

Worked as Operator in Power Plant department from Nov 1, 2007, to May 5, 2012.

Subjects Teaching Interest

I had taught the following courses at F.Sc and BS level.

1. Solid State Physics
2. Mathematical Methods in Physics
3. Modern Physics
4. Nuclear physics
5. F.Sc (Physics, Math, Computer)
6. Matric(Physics, Math, Chemistry, Computer)

References

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